



# NITFS Compliance Registration



**Product:** ELT/5500

**Sponsor:** Overwatch Systems Boston Operations

**Developer:** Overwatch Systems Boston Operations

**Date:** 30 April 2007

**Expiration:** 29 April 2009

**Registration #:** 2051

- ☐ Initial Registration  
☒ Supplemental/Update 2029 #  
☐ Derived from Reg. #

## Complexity Level

NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

## Configurations Tested:

- Windows XP

☐ **System**  
N-0105/98, §4.1.1

☒ **Product**  
N-0105/98, §4.1.2

☐ **Component**  
N-0105/98, §4.1.3

\*\* NITF 2.0 feature  
\* NITF 2.1 feature

## NITFS Features Implemented:

### Format

- NITF**  
☒ V2.1  
☒ V2.0  
☒ V1.1  
**NSIF**  
☒ V1.0

### Pixel Value Types

- ☒ Boolean  
☒ Integer  
☒ Signed Integer \*  
☐ IEEE Real \*  
☐ IEEE Complex \*

### Annotation Segment Types

- ☒ Bit Mapped \*\*  
☒ CGM, 2301  
☒ CGM, 2301A  
☒ Labels \*\*

### Text Segments

- ☒ STA  
☒ UT1  
☒ U8S  
☒ MTF

### Image Segment Types

- ☒ MONO  
☒ RGB  
☒ RGB/LUT  
☒ YCbCr  
☒ MULTI  
☒ NODISPLY  
☐ POLAR

### Image Compression

- ☒ Not Compressed  
☒ JPEG Lossy, 8-bit  
☒ JPEG Lossy, 12-bit  
☒ JPEG Downsample  
☒ JPEG Lossless  
☒ JPEG 2000  
☒ Bi-Level  
☒ Vector Quantization

### Data Extension Segments

- ☒ TRE\_OVERFLOW  
☐ STREAMING\_FILE\_HEADER  
☒ Controlled Extensions \*\*  
☒ Registered Extensions \*\*

### Tagged Record Extensions

- ☒ CSDE  
☒ DIGEST GeoSDE  
☒ RPF  
☒ NCDRD  
☒ PIAE  
☒ ICHIPB  
☒ J2KLRA  
☒ BANDSB  
☒ IOMAPA  
☒ RPC00B

## Legend

- Interpret  
Gen  
☒ Fully implemented  
☒ Partially implemented  
☐ Not implemented

*Curtis L. Green, Lt Col, USAF*

CURTIS L. GREEN, Lt Col, USAF, Division  
Chief

Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
a product for the intended use. Optional NITFS features may not be implemented.